

ABSTRACT

A motorcycle is described which has a frame and a rear wheel attached to a driven pulley. A drive pulley is rotatably mounted to a rigid bracket attached to the frame such that a relative orientation between the drive pulley and the driven pulley is maintained substantially constant. A drive belt is coupled to the drive pulley and the driven pulley such that a rotation of the drive pulley imparts a rotation of the driven pulley. A transmission output gear is attached to an output of a transmission, and a drive coupler is provided as an interface between the transmission output gear and the drive pulley.